

Abstract

Shank-end tool with permanently attached wing-like inserts

This invention relates to a shank-end tool that is simple and economical to manufacture, with permanently attached wing-like inserts for the milling-type machining of chipless materials that remains functional with unavoidable frictional wear and with increasing erosion. According to the invention, the shank-end tool is characterized by a shank (1) rotatable around its longitudinal axis (2) that can be connected detachably to a drive device and is provided at its free end section (6) with at least one groove-shaped recess (7) extending in the axial direction and one flat cutter blade (8), which is provided with a non-cutting blade edge (12) on its leading face viewed in the direction of advance (9).

The shank-end tool is used for the manufacture of molds, especially heat-resistant casting molds for the production of metal castings.

FIG. 1